



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/053,498B

DATE: 01/30/2003  
TIME: 09:34:17

Input Set : A:\Seq Listing.txt  
Output Set: N:\CRF4\01302003\J053498B.raw

3 <110> APPLICANT: Sloan-Kettering Institute for Cancer Research.  
 4 Pethman, James E.  
 5 Mayhew, Mark  
 6 Hoe, Mee H.  
 7 Houghton, Alan  
 8 Hartl, Ulrich  
 9 O'Farrell, Oanhchek  
 10 Mori, Icichi  
 12 <120> TITLE OF INVENTION: CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES  
 14 <130> FILE REFERENCE: 11746/46002  
 16 <140> CURRENT APPLICATION NUMBER: 10/053,498B  
 17 <141> CURRENT FILING DATE: 2002-01-17  
 18 <150> PRIOR APPLICATION NUMBER: 08/961,707  
 20 <151> PRIOR FILING DATE: 1997-10-31  
 22 <160> NUMBER OF SEQ ID NOS: 321  
 24 <170> SOFTWARE: WordPerfect 8.0 for Windows  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 8  
 28 <211> TYPE: PRT  
 29 <213> ORGANISM: Artificial Sequence  
 30 <214> FEATURE:  
 31 <214> OTHER INFORMATION: peptide in m13 coliphage  
 32 <210> SEQUENCE: 1  
 33 His Thr Val Tyr Gly Ala Gly  
 34 : : : : : : : :  
 35 : : : : : : : : 5  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 8  
 38 <211> TYPE: PRT  
 39 <213> ORGANISM: Artificial Sequence  
 40 <214> FEATURE:  
 41 <214> OTHER INFORMATION: peptide in m13 coliphage  
 42 <210> SEQUENCE: 2  
 43 The Glu Thr Pro Tyr Pro Thr Gly  
 44 : : : : : : : :  
 45 : : : : : : : : 5  
 46 <210> SEQ ID NO: 3  
 47 <211> LENGTH: 8  
 48 <211> TYPE: PRT  
 49 <213> ORGANISM: Artificial Sequence  
 50 <214> FEATURE:  
 51 <214> OTHER INFORMATION: peptide in m13 coliphage  
 52 <210> SEQUENCE: 3  
 53 <211> LENGTH: 8  
 54 <211> TYPE: PRT  
 55 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: peptide in m13 coliphage  
 58 <400> SEQUENCE: 3  
 59 Leu Thr Thr Pro Phe Ser Ser Gly  
 60 : : : : : : : :  
 61 : : : : : : : : 5  
 62 : : : : : : : :  
 63 : : : : : : : :

EDITED

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/053,498B

DATE: 11/01/2003  
TIME: 19:54:17

Input Set : A:\Seq Listing.txt  
Output Set: N:\CRF4\01302003\J053498B.raw

65 <210> SEQ ID NO: 4  
66 <211> LENGTH: 8  
67 <212> TYPE: PRT  
68 <213> ORGANISM: Artificial Sequence  
70 <210> FEATURE:  
71 <213> OTHER INFORMATION: peptide in m13 coliphage  
73 <400> SEQUENCE: 4  
74 Gly Val Pro Leu Ile Met Asp Gly  
75 1 2 3 4 5  
76 <210> SEQ ID NO: 5  
77 <211> LENGTH: 9  
78 <212> TYPE: PRT  
79 <213> ORGANISM: Artificial Sequence  
80 <210> FEATURE:  
81 <213> OTHER INFORMATION: peptide in m13 coliphage  
83 <400> SEQUENCE: 5  
84 Ile Leu Pro Thr Val Ile Arg Gly  
85 1 2 3 4 5  
90 <210> SEQ ID NO: 6  
91 <211> LENGTH: 8  
92 <212> TYPE: PRT  
93 <213> ORGANISM: Artificial Sequence  
94 <210> FEATURE:  
95 <213> OTHER INFORMATION: peptide in m13 coliphage  
97 <400> SEQUENCE: 6  
98 Cys Arg Phe His Gly Asn Arg Gly  
99 1 2 3 4 5  
104 <210> SEQ ID NO: 7  
105 <211> LENGTH: 8  
106 <212> TYPE: PRT  
107 <213> ORGANISM: Artificial Sequence  
108 <210> FEATURE:  
109 <213> OTHER INFORMATION: peptide in m13 coliphage  
110 <400> SEQUENCE: 7  
111 Tyr Thr Arg Asp Phe Glu Ala Gly  
112 1 2 3 4 5  
117 <210> SEQ ID NO: 8  
118 <211> LENGTH: 8  
119 <212> TYPE: PRT  
120 <213> ORGANISM: Artificial Sequence  
121 <210> FEATURE:  
122 <213> OTHER INFORMATION: peptide in m13 coliphage  
123 <400> SEQUENCE: 8  
124 Ser Ser Ala Ala Gly Pro Arg Gly  
125 1 2 3 4 5  
130 <210> SEQ ID NO: 9  
131 <211> LENGTH: 8  
132 <212> TYPE: PRT  
133 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/053,498B

DATE: 11/30/2003  
TIME: 09:34:17

Input Set : A:\Seq Listing.txt  
Output Set: N:\CRF4\01302003\J053498B.raw

135 <212> FEATURE:  
 136 <213> OTHER INFORMATION: peptide in m13 coliphage  
 138 <400> SEQUENCE: 3  
 140    Ser Leu Ile Gln Tyr Ser Arg Gly  
 141        5  
 143 <210> SEQ ID NO: 10  
 144 <211> LENGTH: 8  
 145 <212> TYPE: PRT  
 146 <213> ORGANISM: Artificial Sequence  
 148 <220> FEATURE:  
 149 <223> OTHER INFORMATION: peptide in m13 coliphage  
 151 <210> FEATURE:  
 152 <211> NAME/KEY: MISC\_FEATURE  
 153 <212> LOCATION: 7)..(7)  
 154 <223> OTHER INFORMATION: unknown  
 156 <210> SEQUENCE: 0  
**W--> 158 Asp Ala Leu Met Trp Pro Xaa Gly**  
 159        5  
 161 <210> SEQ ID NO: 11  
 162 <211> LENGTH: 8  
 163 <212> TYPE: PRT  
 164 <213> ORGANISM: Artificial Sequence  
 166 <220> FEATURE:  
 167 <223> OTHER INFORMATION: peptide in m13 coliphage  
 169 <220> FEATURE:  
 170 <211> NAME/KEY: MISC\_FEATURE  
 171 <212> LOCATION: (3)..(3)  
 172 <223> OTHER INFORMATION: unknown  
 174 <400> SEQUENCE: 31  
**W--> 176 Ser Ser Xaa Ser Leu Tyr Ile Gly**  
 177        5  
 179 <210> SEQ ID NO: 12  
 180 <211> LENGTH: 8  
 181 <212> TYPE: PRT  
 182 <213> ORGANISM: Artificial Sequence  
 184 <220> FEATURE:  
 185 <223> OTHER INFORMATION: peptide in m13 coliphage  
 187 <400> SEQUENCE: 12  
 189    Phe Asn Thr Ser Thr Arg Thr Gly  
 190        5  
 191 <210> SEQ ID NO: 13  
 193 <211> LENGTH: 8  
 194 <212> TYPE: PRT  
 195 <213> ORGANISM: Artificial Sequence  
 197 <220> FEATURE:  
 198 <223> OTHER INFORMATION: peptide in m13 coliphage  
 200 <400> SEQUENCE: 13  
**202    Thr Val Cln His Val Ala Phe Gly**  
 203        5

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/053,498B

DATE: 10/01/2003

TIME: 09:54:17

Input Set : A:\Seq Listing.txt

Output Set: N:\CRF4\01302003\J053498B.raw

205 <010> SEQ ID NO: 14  
 206 <011> LENGTH: 8  
 207 <012> TYPE: PRT  
 208 <013> ORGANISM: Artificial Sequence  
 209 <020> FEATURE:  
 210 <023> OTHER INFORMATION: peptide in m13 coliphage  
 211 <030> SEQUENCE: 14  
 212      Asp Tyr Ser Phe Pro Pro Ile Gly  
 213      1                5  
 214 <010> SEQ ID NO: 15  
 215 <011> LENGTH: 8  
 216 <012> TYPE: PRT  
 217 <013> ORGANISM: Artificial Sequence  
 218 <020> FEATURE:  
 219 <023> OTHER INFORMATION: peptide in m13 coliphage  
 220 <030> SEQUENCE: 15  
 221      Val Ile Ser Met Glu Ser Ileu Gly  
 222      1                5  
 223 <010> SEQ ID NO: 16  
 224 <011> LENGTH: 8  
 225 <012> TYPE: PRT  
 226 <013> ORGANISM: Artificial Sequence  
 227 <020> FEATURE:  
 228 <023> OTHER INFORMATION: peptide in m13 coliphage  
 229 <030> SEQUENCE: 16  
 230      Alanine NAME/KEY: MISC\_FEATURE  
 231 <031> LOCATION: (2)..(2)  
 232 <033> OTHER INFORMATION: unknown  
 233 <035> FEATURE:  
 234 <036> NAME/KEY: MISC\_FEATURE  
 235 <037> LOCATION: (6)..(6)  
 236 <038> OTHER INFORMATION: unknown  
 237 <039> SEQUENCE: 16

W--&gt; 251 Phe Xaa Pro Met Ile Xaa Ser Gly

252      1                5  
 253 <010> SEQ ID NO: 17  
 254 <011> LENGTH: 8  
 255 <012> TYPE: PRT  
 256 <013> ORGANISM: Artificial Sequence  
 257 <020> FEATURE:  
 258 <023> OTHER INFORMATION: peptide in m13 coliphage  
 259 <030> SEQUENCE: 17  
 260      Ala Pro Pro Arg Val Thr Met Gly  
 261      1                5  
 262 <010> SEQ ID NO: 18  
 263 <011> LENGTH: 8  
 264 <012> TYPE: PRT  
 265 <013> ORGANISM: Artificial Sequence  
 266 <020> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/053,498B

DATE: 11/11/2011  
TIME: 08:54:17

Input Set : A:\Seq Listing.txt  
Output Set : N:\CRF4\01302003\J053498B.raw

273 <!-- OTHER INFORMATION: peptide in m13 coliphage  
275 <400> SEQUENCE: 18  
277 Ile Ala Thr Lys Thr Pro Lys Gly  
278 1 5  
280 <210> SEQ ID NO: 18  
281 <211> LENGTH: 8  
282 <212> TYPE: PRT  
283 <213> ORGANISM: Artificial Sequence  
285 <220> FEATURE:  
286 <223> OTHER INFORMATION: peptide in m13 coliphage  
287 <400> SEQUENCE: 19  
288 Ily Pro Pro Iva Phe Gin Ile Gly  
289 1 5  
290 <210> SEQ ID NO: 19  
291 <211> LENGTH: 8  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: peptide in m13 coliphage  
300 <400> SEQUENCE: 20  
301 Tyr His Thr Ala His Asn Met Gly  
302 1 5  
303 <210> SEQ ID NO: 20  
304 <211> LENGTH: 8  
305 <212> TYPE: PRT  
306 <213> ORGANISM: Artificial Sequence  
308 <220> FEATURE:  
309 <223> OTHER INFORMATION: peptide in m13 coliphage  
310 <400> SEQUENCE: 21  
311 Ser Tyr Ile Glr Ala Thr His Gly  
312 1 5  
313 <210> SEQ ID NO: 21  
314 <211> LENGTH: 8  
315 <212> TYPE: PRT  
316 <213> ORGANISM: Artificial Sequence  
318 <220> FEATURE:  
319 <223> OTHER INFORMATION: peptide in m13 coliphage  
320 <400> SEQUENCE: 22  
321 Ser Tyr Ile Glr Ala Thr His Gly  
322 1 5  
323 <210> SEQ ID NO: 22  
324 <211> LENGTH: 8  
325 <212> TYPE: PRT  
326 <213> ORGANISM: Artificial Sequence  
328 <220> FEATURE:  
329 <223> OTHER INFORMATION: peptide in m13 coliphage  
330 <400> SEQUENCE: 23  
331 Ser Ser Ile Ala Thr Phe Leu Gly  
332 1 5  
333 <210> SEQ ID NO: 23  
334 <211> LENGTH: 8  
335 <212> TYPE: PRT  
336 <213> ORGANISM: Artificial Sequence  
338 <220> FEATURE:  
339 <223> OTHER INFORMATION: peptide in m13 coliphage  
340 <400> SEQUENCE: 23  
341 Thr Thr Pro Pro Asn Phe Ala Gly  
342 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/053,498B

DATE: 10/30/03  
TIME: 12:14:15

Input File : A:\Seq Listing.txt  
Output File: N:\CRF4\01302003\J053498B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 1  
Seq#:11; Xaa Pos. 3  
Seq#:16; Xaa Pos. 1,6  
Seq#:47; N Pos. 11  
Seq#:48; N Pos. 3  
Seq#:55; N Pos. 6,16,18  
Seq#:101; Xaa Pos. 3  
Seq#:133; N Pos. 14  
Seq#:251; Xaa Pos. 7  
Seq#:252; Xaa Pos. 3  
Seq#:253; Xaa Pos. 1,7  
Seq#:254; Xaa Pos. 1